

Main Criteria: Massachusetts Curriculum Frameworks

Secondary Criteria: Virtual Field Trips Subject:

Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Massachusetts Curriculum Frameworks

Science

Grade: 8 - Adopted: 2016

FOCUS / COURSE	MA.8-ESS.	Grade 8: Earth and Space Sciences
STRAND	ESS2.	Earth's System

STANDARD / CONCEPT / SKILL

8.MS-ESS2-5. Interpret basic weather data to identify patterns in air mass interactions and the relationship of those patterns to local weather.

Virtual Field Trips

Canada: Coast to Coast

STANDARD / CONCEPT / SKILL

8.MS-ESS2-6. Describe how interactions involving the ocean affect weather and climate on a regional scale, including the influence of the ocean temperature as mediated by energy input from the Sun and energy loss due to evaporation or redistribution via ocean currents.

Virtual Field Trips

Galapagos Islands

FOCUS / COURSE	MA.8-ESS.	Grade 8: Earth and Space Sciences
STRAND	ESS3.	Earth and Human Activity

STANDARD / CONCEPT / SKILL

8.MS-ESS3-1. Analyze and interpret data to explain that the Earth's mineral and fossil fuel resources are unevenly distributed as a result of geologic processes.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Canada: Our Northern Neighbor

National Parks - Alaska & Hawaii

STANDARD / CONCEPT / SKILL

8.MS-ESS3-5. Examine and interpret data to describe the role that human activities have played in causing the rise in global temperatures over the past century.

Virtual Field Trips

Canada: Coast to Coast

National Parks - Washington, Oregon, Idaho, Montana, Colorado

FOCUS / COURSE	MA.8-LS.	Grade 8: Life Science
STRAND	LS1.	From Molecules to Organisms: Structures and Processes

STANDARD / CONCEPT / SKILL

8.MS-LS1-5. Construct an argument based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

FOCUS / COURSE	MA.8-ETS.	Grade 8: Technology/Engineering
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STRAND	ETS2.	Materials, Tools, and Manufacturing
STANDARD / CONCEPT / SKILL	8.MS- ETS2- 4(MA).	Use informational text to illustrate that materials maintain their composition under various kinds of physical processing; however, some material properties may change if a process changes the particulate structure of a material. <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor

STANDARD / CONCEPT / SKILL	8.MS- ETS2- 5(MA).	Present information that illustrates how a product can be created using basic processes in manufacturing systems, including forming, separating, conditioning, assembling, finishing, quality control, and safety. Compare the advantages and disadvantages of human vs. computer control of these processes. <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor
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Massachusetts Curriculum Frameworks
Social Studies
Grade: 8 - Adopted: 2018

FOCUS / COURSE		Standards for History and Social Science Practice – Pre-Kindergarten to Grade 12
STRAND	1	Demonstrate civic knowledge, skills, and dispositions.

STANDARD / CONCEPT / SKILL	Civic knowledge includes the core knowledge in the Content Standards relating to civics and government, economics, geography, and history. <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 8 Rome - The Eternal City Tokyo - City of Contrasts
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STRAND	7	Determine next steps and take informed action, as appropriate. One of the main goals of teaching history and the social science is to provide opportunities for students to practice using the knowledge and skills that enable them to participate in civic life. Some examples of those opportunities include: Exploring questions or problems in the form of classroom discussions, essays, research papers, and other products of research; Engaging in discourse about public policy beyond the classroom through social media, letters to the editor, oral presentations in public settings, or community service learning projects. This Standard corresponds to Writing Standards 1 and 2 and Speaking and Listening Standards 1-6 for Literacy in History and Social Science.
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Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Barcelona

Canada: Coast to Coast

Canada: Our Northern Neighbor

Exploring Cuba

Galapagos Islands

Jerusalem - Then and Now (Older Grades)

London - City of Pomp & Majesty

National Parks - Alaska & Hawaii

National Parks - Nevada, California

National Parks - Washington, Oregon, Idaho, Montana, Colorado

National Parks - Wyoming, Utah

Paris - City of Light - Grades 6 - 8

Rome - The Eternal City

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 8

FOCUS / COURSE		Grade 8 Content Standards: United States and Massachusetts Government and Civic Life
STRAND	Topic 1.	The philosophical foundations of the United States political system – Supporting Question: What were the roots of the ideas that influenced the development of the United States political system?

STANDARD / CONCEPT / SKILL	1	Explain why the Founders of the United States considered the government of ancient Athens to be the beginning of democracy and explain how the democratic political concepts developed in ancient Greece influenced modern democracy (e.g., civic participation, voting rights, trial by jury, legislative bodies, constitution writing, rule of law).
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Virtual Field Trips

Ancient Greece

FOCUS / COURSE		History and Social Science and the Standards for Literacy
STRAND		Grades 6–8 Reading Standards for Literacy in the Content Areas: History and Social Science [RCA-H]
STANDARD / CONCEPT / SKILL		Craft and Structure

INDICATOR	4	Determine the meaning of general academic and domain-specific words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies.
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Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

INDICATOR	5	Describe how a text presents information (e.g., sequentially, comparatively, causally), including how written texts incorporate features such as headings.
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Virtual Field Trips

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast

Canada: Our Northern Neighbor

Rome - The Eternal City

FOCUS / COURSE		History and Social Science and the Standards for Literacy
STRAND		Grades 6–8 Reading Standards for Literacy in the Content Areas: History and Social Science [RCA-H]
STANDARD / CONCEPT / SKILL		Integration of Knowledge and Ideas

INDICATOR	7	Integrate visual information (e.g., charts, graphs, photographs, videos, or maps) with other information in print and digital texts.
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Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

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